

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017605.D
 Acq On : 07 Mar 2024 16:20
 Operator : SY/MD
 Sample : P1701-06
 Misc : 11.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-3-GRAB

Quant Time: Mar 08 03:26:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

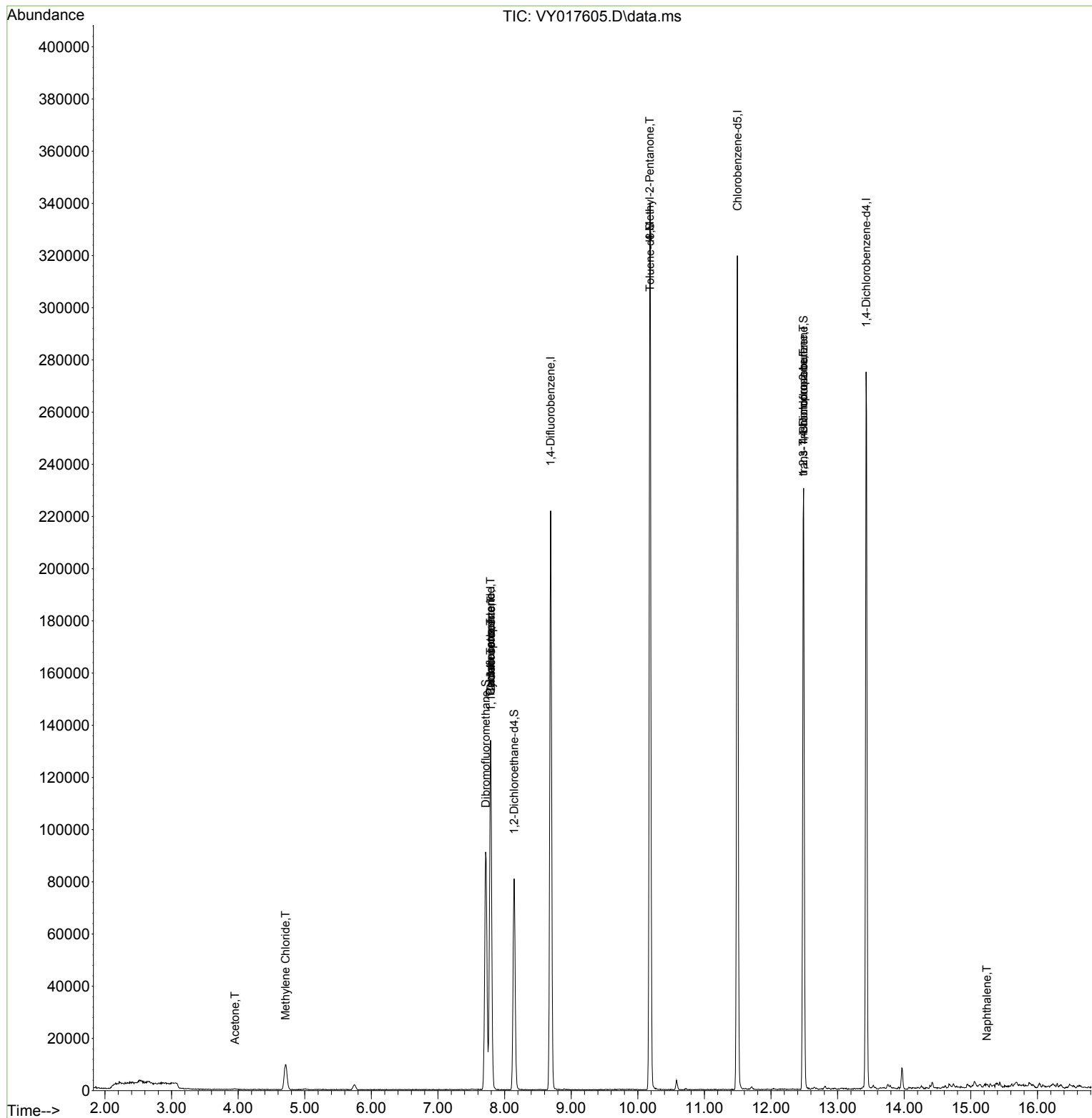
Internal Standards						
1) Pentafluorobenzene	7.789	168	107779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	198444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	181753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60627	59.354	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.700%
35) Dibromofluoromethane	7.716	113	65649	47.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.940%
50) Toluene-d8	10.185	98	229703	47.510	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.489	95	66601	43.832	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.660%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	646	3.261	ug/l	95
20) Methylene Chloride	4.710	84	8167	1.728	ug/l	94
31) Cyclohexane	7.789	56	1851	1.114	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7888	4.228	ug/l #	47
38) Carbon Tetrachloride	7.789	117	9832	5.258	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	811	1.124	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	33163	47.944	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33163	110.163	ug/l #	16
95) Naphthalene	15.239	128	634	4.171	ug/l #	69

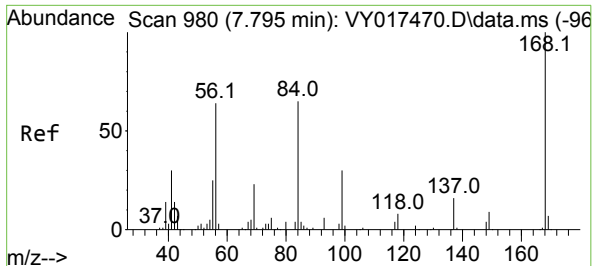
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
Data File : VY017605.D
Acq On : 07 Mar 2024 16:20
Operator : SY/MD
Sample : P1701-06
Misc : 11.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC-3-GRAB

Quant Time: Mar 08 03:26:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

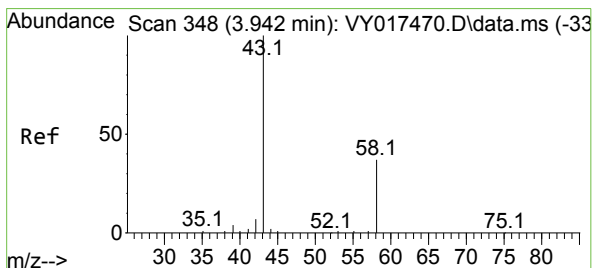
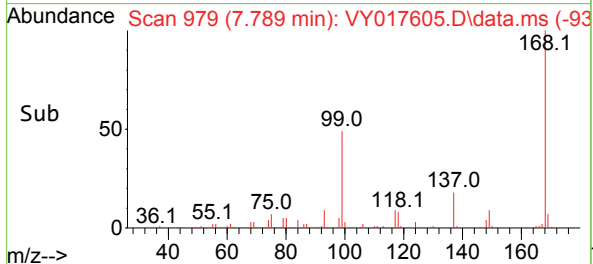
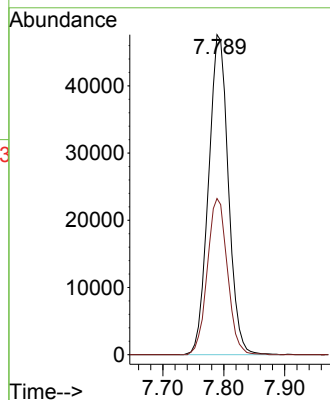
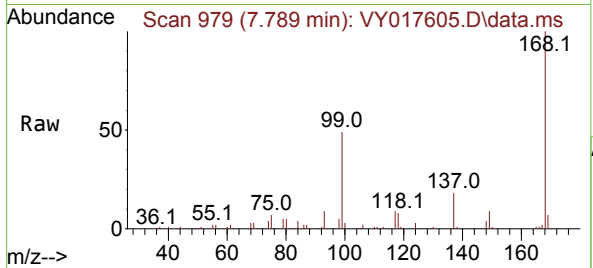




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017605.D
Acq: 07 Mar 2024 16:20

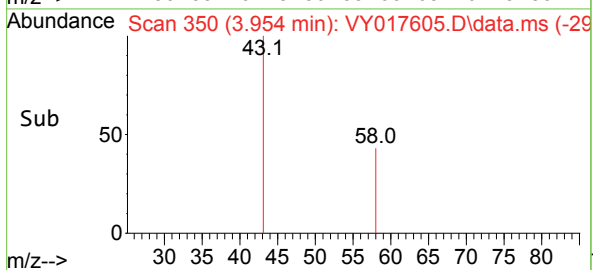
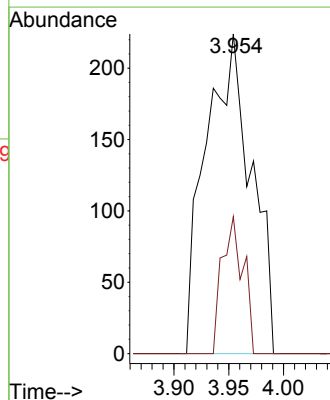
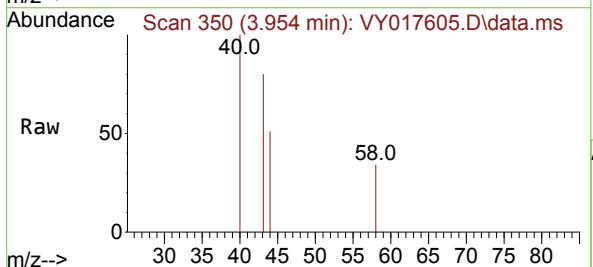
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3-GRAB

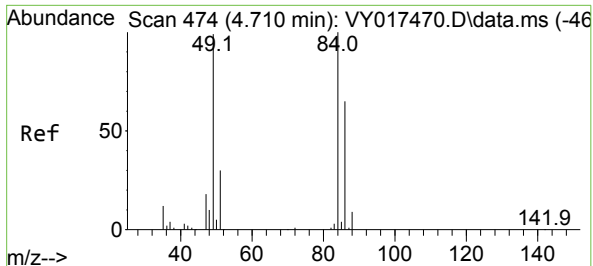
Tgt Ion:168 Resp: 107779
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#16
Acetone
Concen: 3.261 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017605.D
Acq: 07 Mar 2024 16:20

Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
58 42.9 31.7 47.5

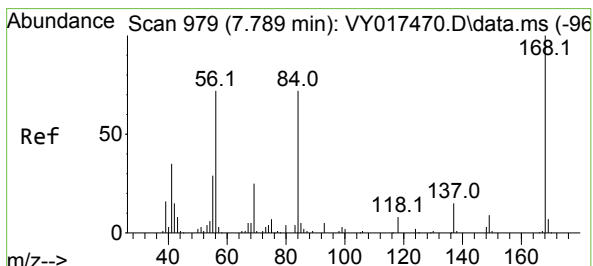
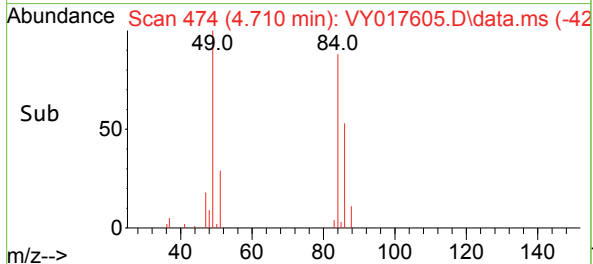
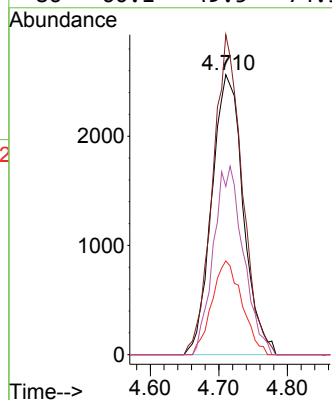
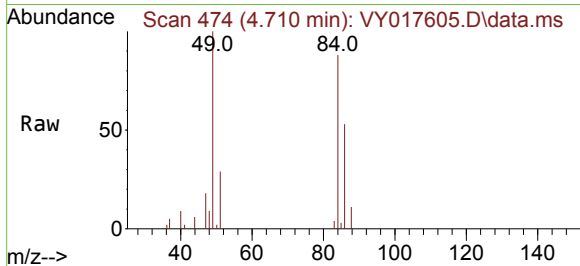




#20
Methylene Chloride
Concen: 1.728 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017605.D
Acq: 07 Mar 2024 16:20

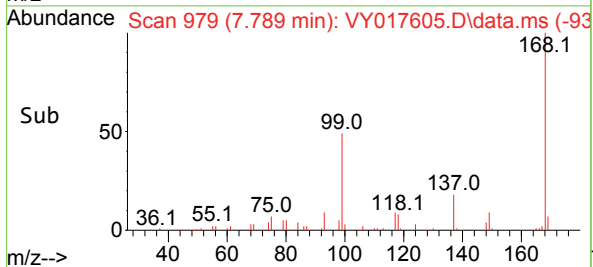
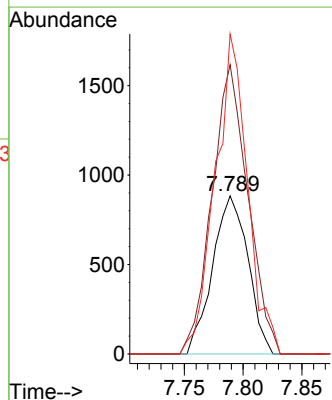
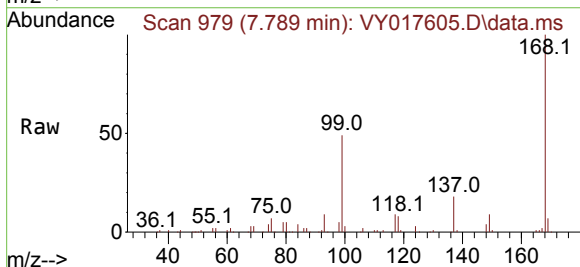
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3-GRAB

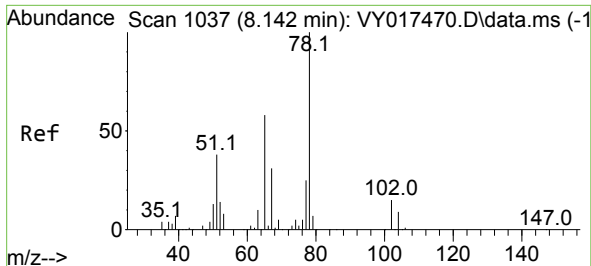
Tgt Ion:	84	Resp:	8167
Ion	Ratio	Lower	Upper
84	100		
49	114.3	84.4	126.6
51	33.5	26.0	39.0
86	60.1	49.5	74.3



#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY017605.D
Acq: 07 Mar 2024 16:20

Tgt Ion:	56	Resp:	1851
Ion	Ratio	Lower	Upper
56	100		
69	182.9	28.7	43.1#
84	202.4	77.7	116.5#

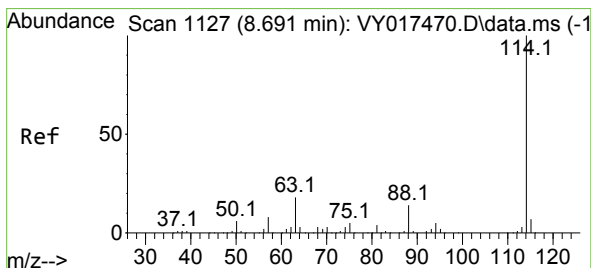
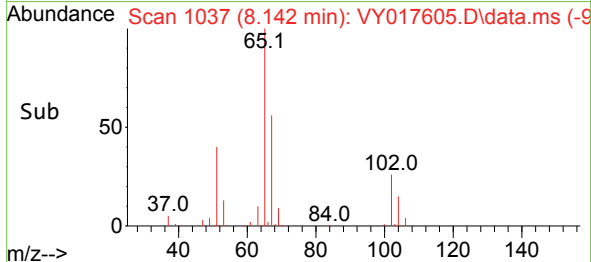
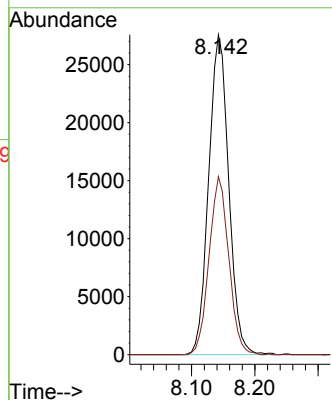
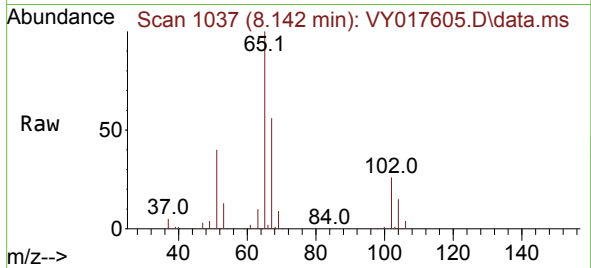




#33
 1,2-Dichloroethane-d4
 Concen: 59.354 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY017605.D
 Acq: 07 Mar 2024 16:20

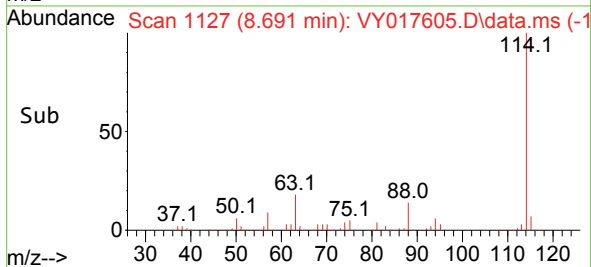
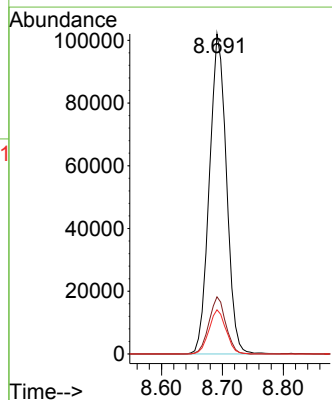
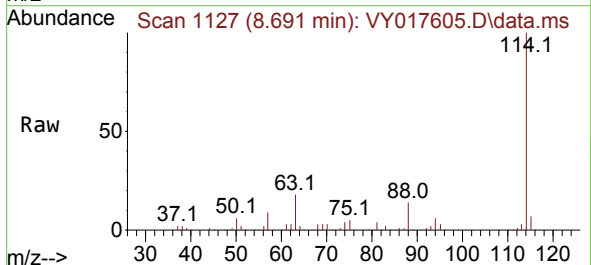
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-3-GRAB

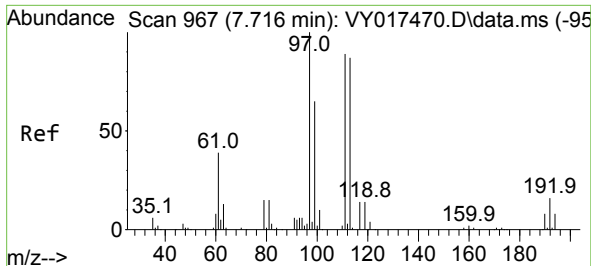
Tgt Ion: 65 Resp: 60627
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY017605.D
 Acq: 07 Mar 2024 16:20

Tgt Ion: 114 Resp: 198444
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.0
 88 13.8 0.0 27.2

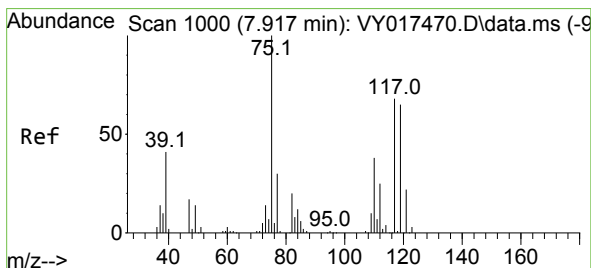
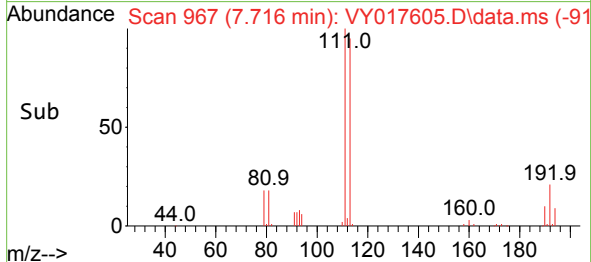
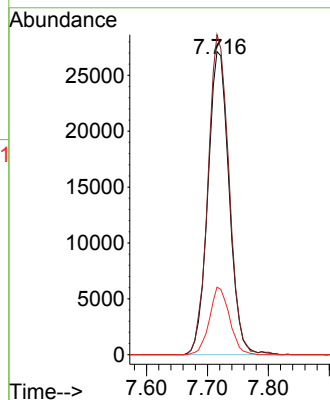
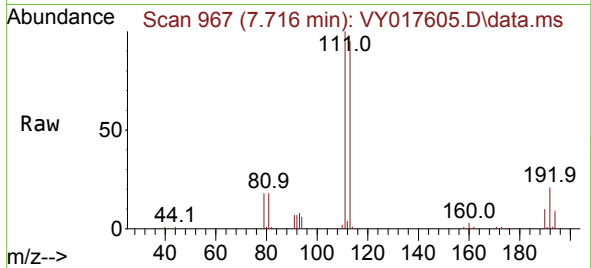




#35
Dibromofluoromethane
Concen: 47.475 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017605.D
Acq: 07 Mar 2024 16:20

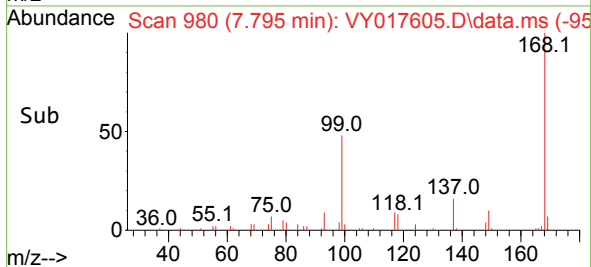
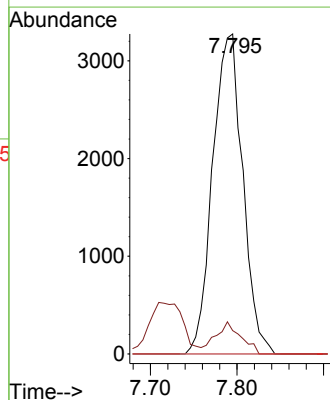
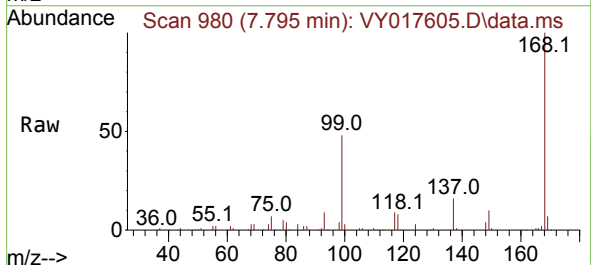
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3-GRAB

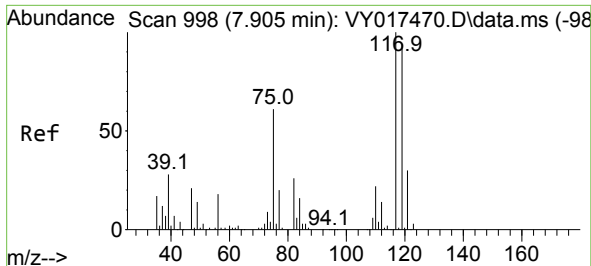
Tgt Ion:113 Resp: 65649
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.228 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017605.D
Acq: 07 Mar 2024 16:20

Tgt Ion: 75 Resp: 7888
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#

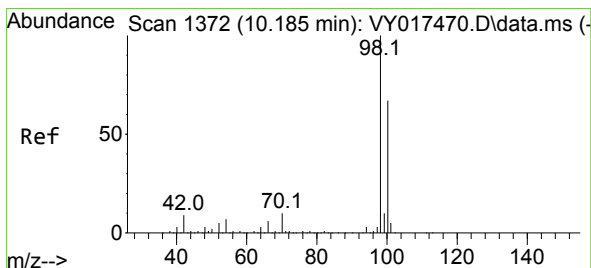
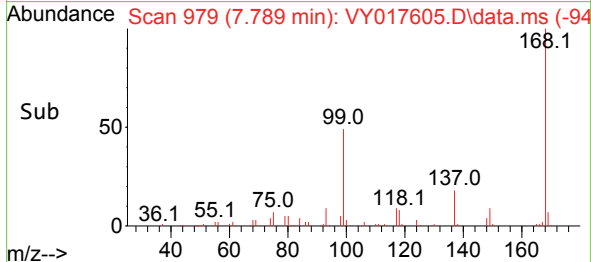
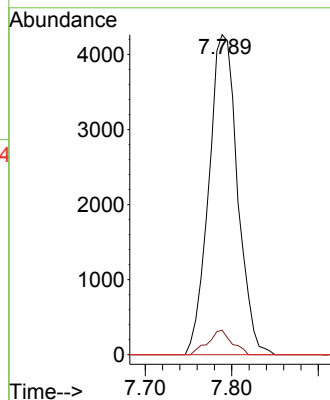
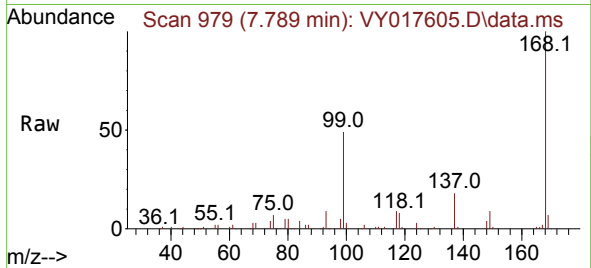




#38
Carbon Tetrachloride
Concen: 5.258 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017605.D
Acq: 07 Mar 2024 16:20

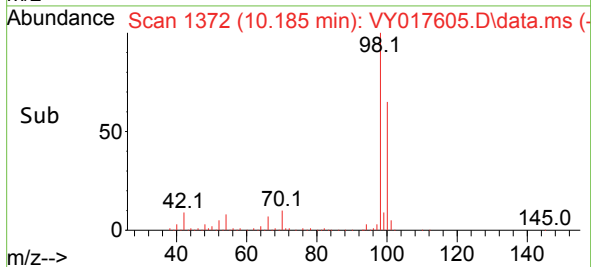
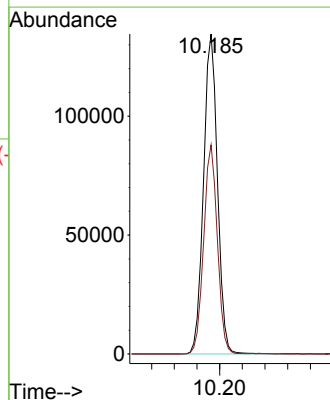
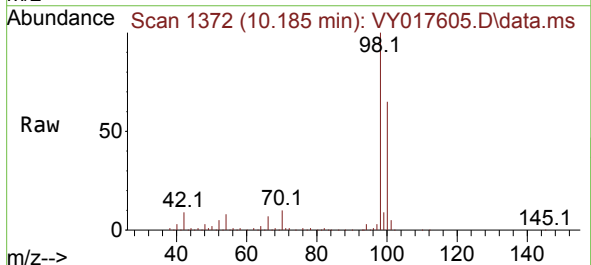
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3-GRAB

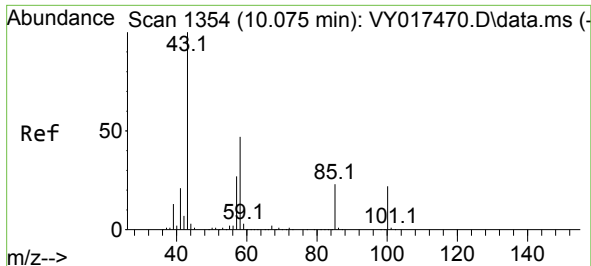
Tgt Ion:117 Resp: 9832
Ion Ratio Lower Upper
117 100
119 7.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.510 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017605.D
Acq: 07 Mar 2024 16:20

Tgt Ion: 98 Resp: 229703
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.124 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.104 min

Lab File: VY017605.D

Acq: 07 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

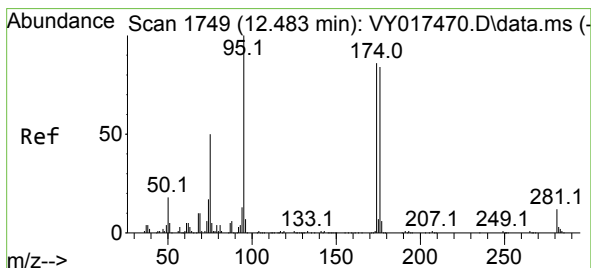
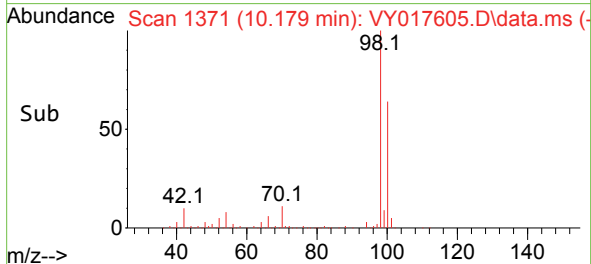
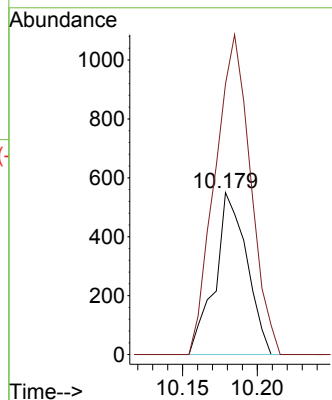
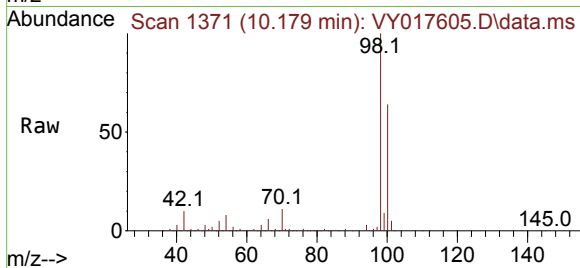
VOC-3-GRAB

Tgt Ion: 43 Resp: 811

Ion Ratio Lower Upper

43 100

58 221.2 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 43.832 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017605.D

Acq: 07 Mar 2024 16:20

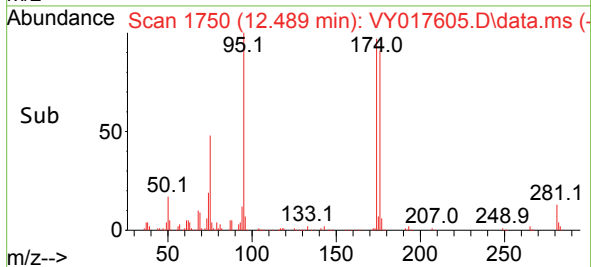
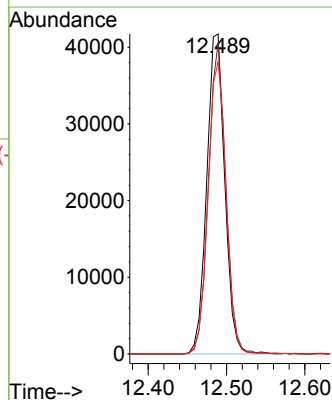
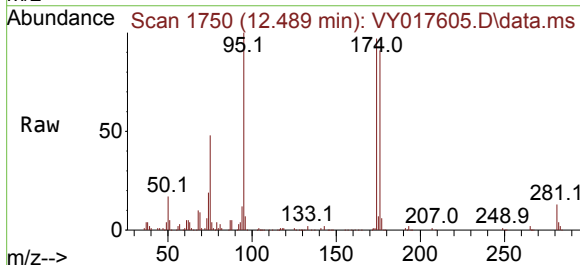
Tgt Ion: 95 Resp: 66601

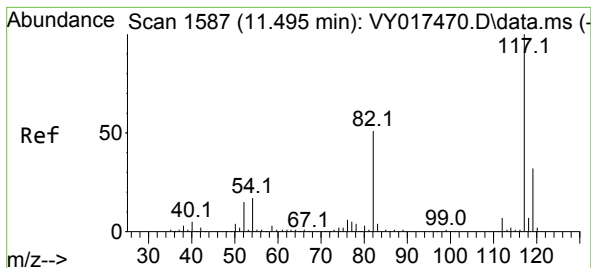
Ion Ratio Lower Upper

95 100

174 93.8 0.0 175.6

176 91.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017605.D

Acq: 07 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

VOC-3-GRAB

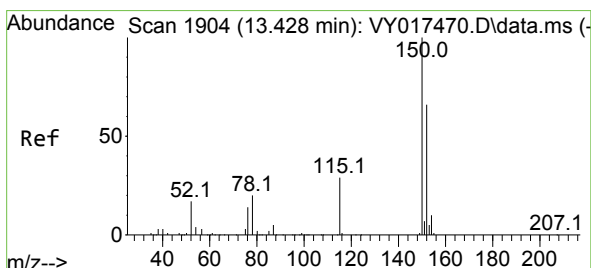
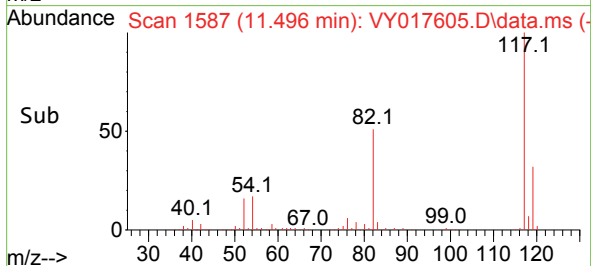
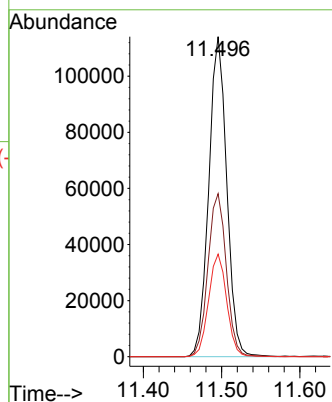
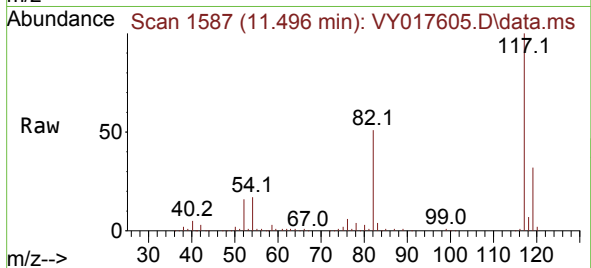
Tgt Ion:117 Resp: 181753

Ion Ratio Lower Upper

117 100

82 50.9 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017605.D

Acq: 07 Mar 2024 16:20

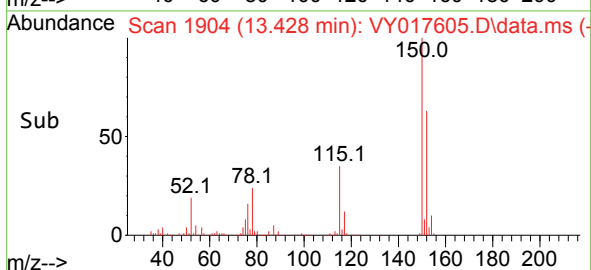
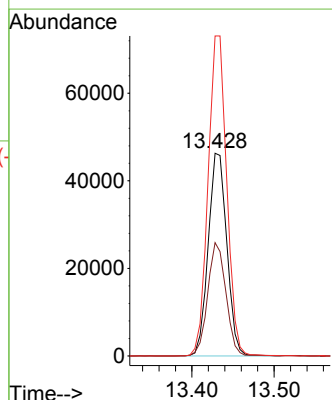
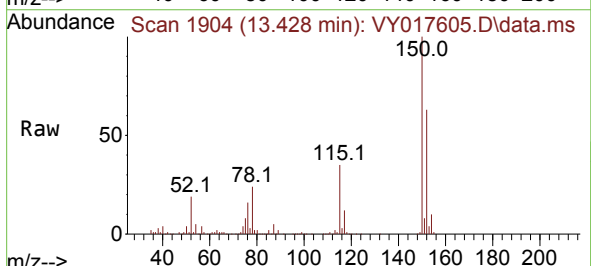
Tgt Ion:152 Resp: 72800

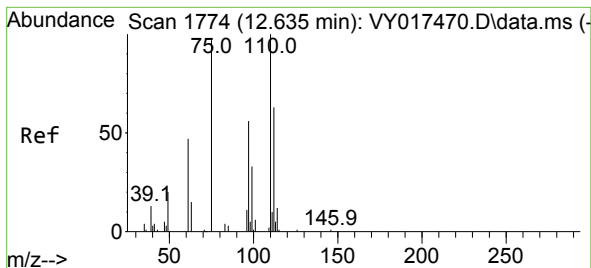
Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 158.4 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 47.944 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017605.D

Acq: 07 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

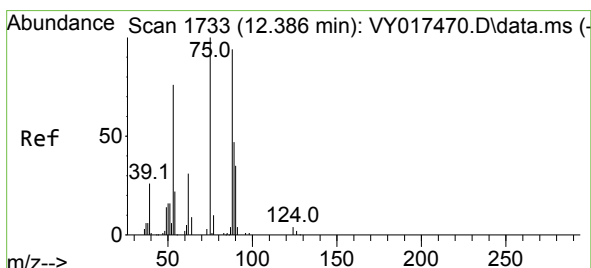
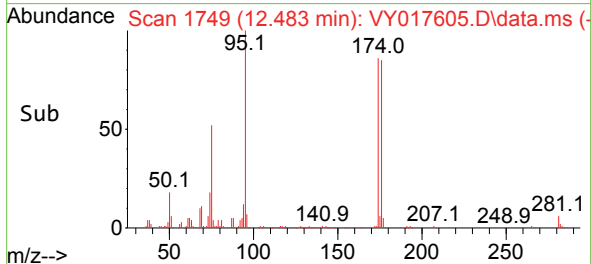
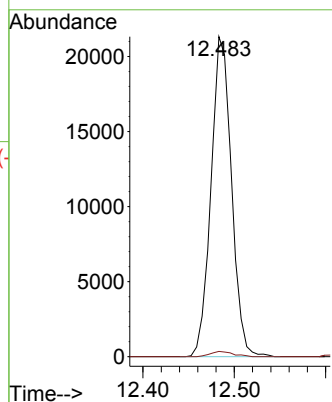
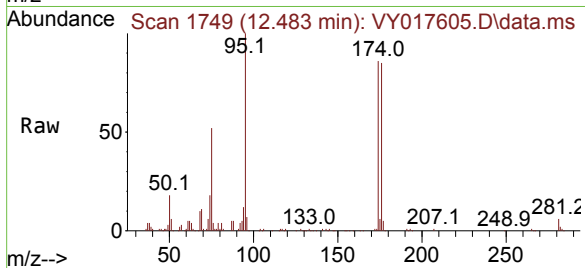
VOC-3-GRAB

Tgt Ion: 75 Resp: 33163

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 110.163 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY017605.D

Acq: 07 Mar 2024 16:20

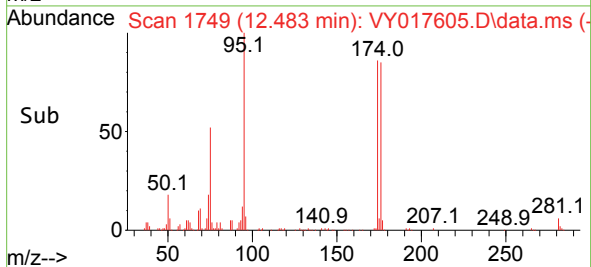
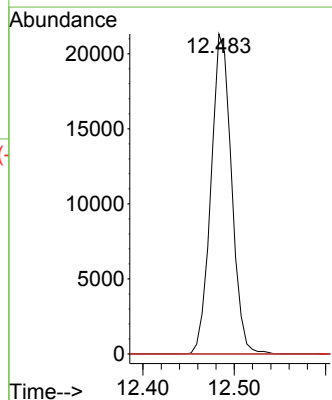
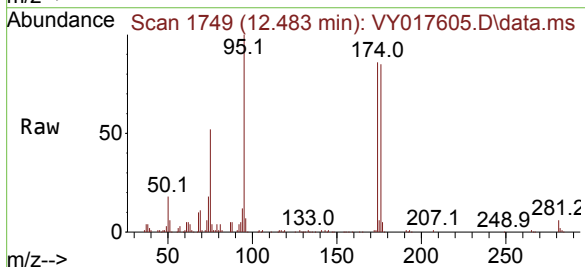
Tgt Ion: 75 Resp: 33163

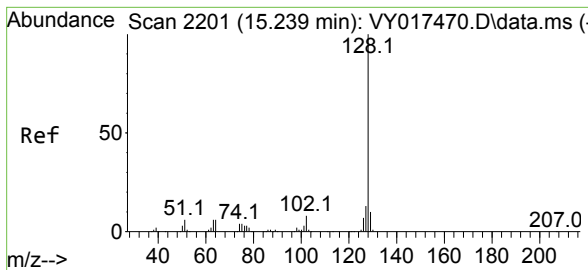
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

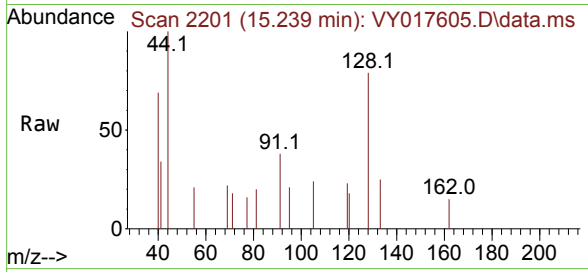
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.171 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017605.D
Acq: 07 Mar 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :
VOC-3-GRAB



Tgt Ion:	128	Resp:	634
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

